

# **2007 SEED SUMMARY REPORT INSPECTION RESULTS**



**PLANT INDUSTRIES DIVISION  
BUREAU OF FEED AND SEED**

**Missouri Department of Agriculture**  
**Mission Statement**

To serve, promote, and protect the agricultural producers, processors, and consumers of Missouri's food, fuel, and fiber products.

## **FOREWORD**

The Seed Summary report is comprised of two sections.

Section one is intended to show the reliability of labelers in meeting their claims for seed quality. Inspections listed in this section were random, with no intentional bias, for the purpose of providing a means of comparing each labeler's reliability in meeting claims. The greater the number of samples taken per labeler, the greater the probability that the consistency in meeting claims shown will represent the labeler's actual performance.

Section two is comprised of selective inspections designed specifically to curtail labeling and licensing violations of the Missouri Seed Law. Examples of violations are selling seed without a permit, selling seed out of test date, and labeling omissions or inconsistencies with the law.

Stop sales are debited to the labeler if a discrepancy from the labeler's claim is found. If a lot of seed is found offered for sale past the time allowed on the existing germination test date, that violation is charged against the possessor of the seed. Violations recorded against the possessor of the seed are listed in section two.

All inspections were performed to fulfill the regulatory responsibilities given by the Missouri Department of Agriculture by the Missouri Seed Law, Statute Sections 226.011 through 266.111 (RSMo 2000).

## INTRODUCTION

The Missouri Department of Agriculture, Plant Industries Division, Bureau of Feed and Seed are pleased to publish the 2007 Seed Summary Report and Inspection Results.

One thousand eight hundred eighty-one (1,881) lots of seed were officially sampled and tested. One hundred thirty-six (136) stop-sale orders were issued for seed failing to meet its labeled guarantees. This resulted in a compliance rate of 92.77 percent compared to 94.2 percent in 2006.

The Missouri Seed Control Laboratory tested 381 service samples in 2007. A total of 2,262 official and service samples were tested in 2007 resulting in a total of 4,496 individual tests performed.

All seed retailers are required to have their on-hand carry over seed retested for germination every 10 months (counting the month the seed was retested.) The new test date must appear on all labels. Seed lots found to be out of test date will be placed on stop sale order until such time as the seed has been tested and a new test date is placed on the label with any change in germination rate noted or the seed is disposed of in an acceptable manner. In 2007, 137 field written stop sale orders were issued mainly on out of test date seed.

The Bureau of Feed and Seed offers many seed sampling and seed testing services. The charges for analysis and analytical reports on seed samples are listed in the Missouri Seed Law Rules 2CSR 70-35.050.

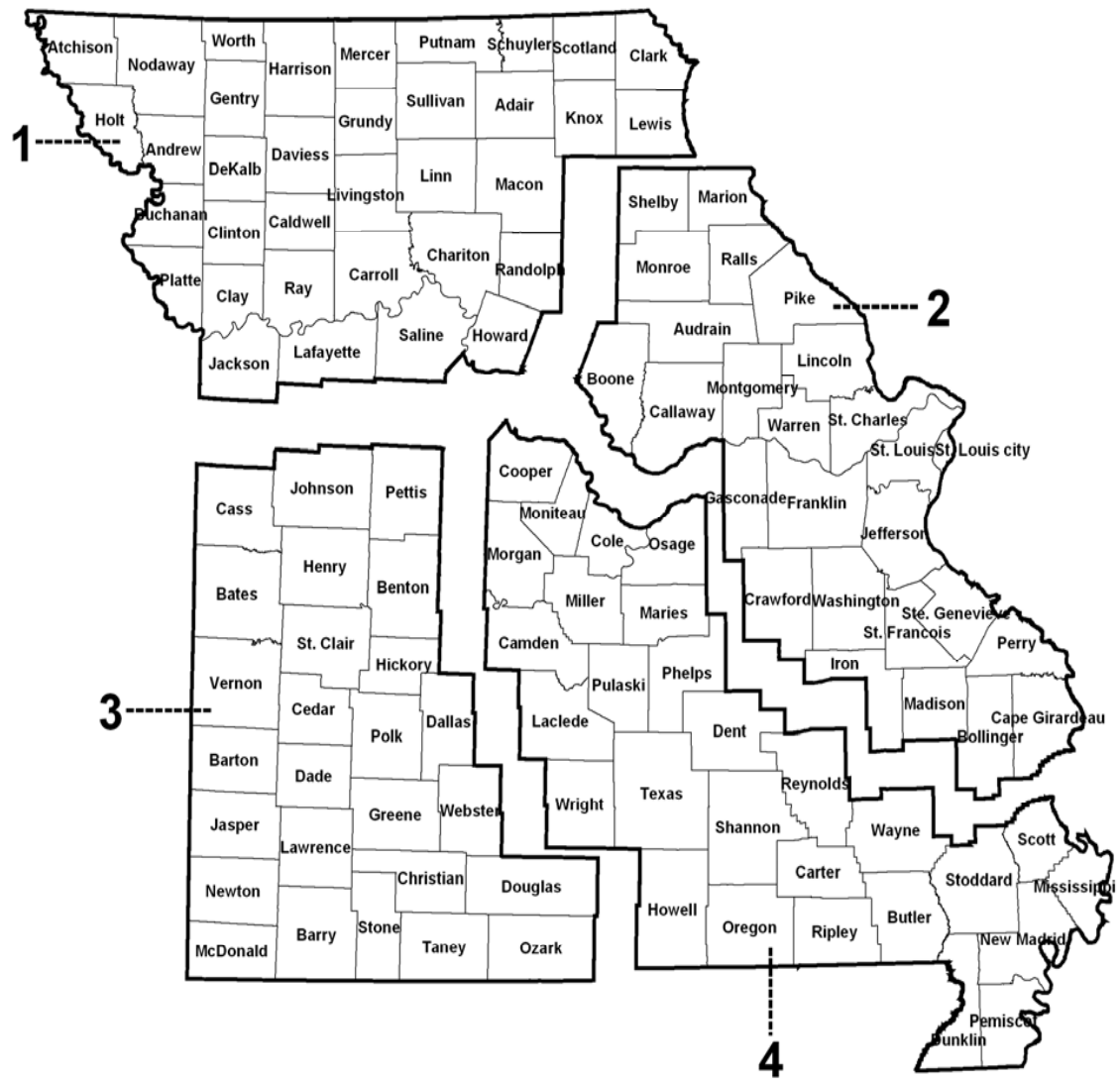
For more information concerning the services offered by the Bureau of Feed and Seed, contact the feed and seed inspector in your area or contact:

**Missouri Department of Agriculture  
Plant Industries Division  
P.O. Box 630  
Jefferson City, MO 65102**

**Amber.Visser@mda.mo.gov  
(573) 751-5474 Office; (573) 751-5500 Office Fax  
(573) 751-4340 Seed Laboratory; (573) 526-7777 Seed Laboratory Fax  
Or visit our Web site at [www.mda.mo.gov](http://www.mda.mo.gov)  
Plants, Grain, Feed & Seed**

**PLANT INDUSTRIES DIVISION**  
**BUREAU OF FEED AND SEED**

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<b>INSPECTORS AND ASSIGNED AREAS</b>		
<p style="text-align: center;"><b>AREA 1</b>  Richard Lollar  Chillicothe, MO 64601  (660) 646-5811</p>		<p style="text-align: center;"><b>AREA 2</b>  Rick Schroepel  Washington, MO 63090  (636) 239-3085</p>
<p style="text-align: center;"><b>AREA 3</b>  Mike Harter  Springfield, MO 65802  (417) 895-6861</p>		<p style="text-align: center;"><b>AREA 4</b>  Devin Hart  Houston, MO 65483  (417) 967-4672</p>



**2007 STATISTICAL SUMMARY  
SAMPLES ANALYZED FOR 2007**

<b>OFFICIAL SAMPLES ANALYZED</b>			<b>1,881</b>
	<b>Purity</b>	<b>709</b>	
	<b>Noxious Weed</b>	<b>915</b>	
	<b>Germination</b>	<b>2,177</b>	
<b>TOTAL NUMBER OF LOTS IN VIOLATION</b>			<b>136</b>
<b>TOTAL OFFICIAL TESTS PERFORMED</b>			<b>4,006</b>
<b>COMPLIANCE RATE OF OFFICIAL SAMPLES ANALYZED</b>			<b>92.77%</b>
<b>SERVICE SAMPLES ANALYZED</b>			<b>381</b>
	<b>Purity</b>	<b>51</b>	
	<b>Noxious Weed</b>	<b>47</b>	
	<b>Germination</b>	<b>380</b>	
	<b>Endophyte</b>	<b>0</b>	
	<b>Pure Live Seed</b>	<b>0</b>	
	<b>TZ</b>	<b>4</b>	
	<b>Seed Count per pound</b>	<b>6</b>	
	<b>Other</b>	<b>2</b>	
<b>TOTAL SERVICE SAMPLE TESTS PERFORMED</b>			<b>490</b>
<b>TOTAL SAMPLES FOR 2007</b>			<b>2,262</b>
<b>TOTAL TESTS PERFORMED FOR 2007</b>			<b>4,496</b>
<b>SEED PERMITS ISSUED FOR 2007</b>			<b>3,362</b>

Information on samples, inspection of seeds, or service samples are available from the Bureau of Feed and Seed, 1616 Missouri Boulevard, Jefferson City, Missouri, 65109 or by calling (573) 751-5474.

## SUBMITTING SERVICE SAMPLES

➤ **Testing period for free seed analysis:**

June 1 through August 31

November 1 through January 15

➤ **Testing period for charges on seed analysis:**

January 16 through May 31

September 1 through October 31

➤ **Purity charges:**

One cultivar

**\$12.00**

More than one cultivar in same sample

**\$18.00**

Seed having less than 90 percent pure seed

**\$10.00/hour**

➤ **Germination charges (highly chaffy grasses, excluded)**

**\$12.00**

➤ **Other testing charges:**

**TZ**

**\$25.00**

Highly chaffy seed

**\$10.00/hour**

Highly chaffy germ

**\$14.00**

Endophyte from growth

**\$30.00**

Endophyte from seed

**\$20.00**

Noxious and Prohibited weed seed

**\$12.00**

Complete Test (Including Purity, Germination, and Noxious Weeds)

**\$36.00**

Cold Test (Soybeans)

**\$12.00**

Cool Test (Cotton)

**\$12.00**

## CRITERIA FOR OBTAINING A SERVICE SAMPLE

Forward your seed in containers adequate to protect the sample.

Without proper sampling technique, test will not reflect true quality of the seed.

➤ **Bulk lot seeds:**

Take a sample from several places.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Bagged lot seeds:**

Take sample from approximately 10 percent of the bags.

Mix the seed samples thoroughly.

Make a composite sample.

➤ **Size of sample needed for testing:**

TYPE OF SEED	SAMPLE SIZE GERMINATION	SAMPLE SIZE PURITY
Soybeans	one quart	one-half gallon
Large Seeds (corn, cotton, small grain, sorghum)	one pint to one quart	one quart
Small seeds (grass, clover, alfalfa, lespedeza)	one-half pint	one quart

## SEED ANALYSIS SERVICE SAMPLE APPLICATION

Submit seed samples with request for analysis to: **State Seed Control Laboratory**  
**Department of Agriculture**  
**1616 Missouri Blvd. (65109)**  
**P.O. Box 630 (65102)**  
**Jefferson City, MO**

### PLEASE PRINT OR TYPE THE FOLLOWING INFORMATION:

Date \_\_\_\_\_

Lot number or ID of seed \_\_\_\_\_ Kind of seed \_\_\_\_\_

Check the following  
analysis to be run:

Free \_\_\_\_\_

Charge \_\_\_\_\_ (see page 7 for free & charge times)

Germination \_\_\_\_\_

Purity \_\_\_\_\_

Noxious or prohibited  
weed seed content \_\_\_\_\_

Other (please specify) \_\_\_\_\_

Person planting this seed \_\_\_\_\_

Address \_\_\_\_\_  
(Route/Street No.) (P.O. Box)

\_\_\_\_\_  
(City) (State) (Zip)

\_\_\_\_\_  
(Phone number)

# **SECTION ONE**

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

1

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
ABLIENE AG SERVICE	1	1						
ABLIENE TX								
WHEAT	1	1						
AG SOURCE SEEDS	2	2						
NEVADA IA								
SOYBEANS	2	2						
AGRIGROLD HYBRIDS	1	1						
ST FRANCESVILLE I L								
CORN, FIELD	1	1						
AGRO DISTRIBUTION LLC	23	19	4	3	1			
ST JOSEPH MO								
MIXED SEED	6	5	1	1				
BLUEGRASS, KENTUCKY	6	5	1		1			
FESCUE, RED	1	1						
FESCUE, TALL	6	4	2	2				
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	3	3						
AGVENTURE INC	2	2						
KENTLAND IN								
SOYBEANS	2	2						
ANDREWS FARM SEED	2	2						
CARTHAGE MO								
WHEAT	2	2						
ARKANSAS COUNTY SEED CO.	1	1						
STUTTGART AR								
MIXED SEED	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

2

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
BAKER CREEK HEIRLOOM MANSFIELD, MO	54	51	3		3			
VEGETABLE	54	51	3		3			
BARENBRUG USA	27	23	4	2	1			2
TANGENT OR								
MIXED SEED	11	10	1		1			
FESCUE, TALL	10	8	2	1				2
ORCHARDGRASS	2	1	1	1				
RYEGRASS	2	2						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1	1						
BECKMAN BROTHERS	5	5						
OLIVETTE MO								
MIXED SEED	2	2						
FESCUE, RED	1	1						
FESCUE, TALL	2	2						
BO JAC HYB CORN CO	1	1						
MT PULASKI IL								
SOYBEANS	1	1						
BOURN FEED	1	1						
COLUMBIA MO								
MIXED SEED	1	1						
BUCHHEIT INC	4	3	1	1		1	1	1
PERRYVILLE MO								
MIXED SEED	1		1	1		1	1	1
FESCUE, TALL	2	2						
WHEAT	1	1						
BULLARD SEED	9	9						
ASHLAND MO								
WHEAT	9	9						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

3

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
BUNCK SEED FARMS	1	1						
EVEREST KS								
WHEAT	1	1						
BWI COMPANIES INC	1	1						
SPRINGFIELD MO								
RYEGRASS, PERENNIAL	1	1						
BWI COMPANIES INC	9	7	2	2				1
TEXARKANA TX								
MIXED SEED	2	1	1	1				
FESCUE, TALL	5	4	1	1				1
RYEGRASS, PERENNIAL	2	2						
CAUDILL SEED & WAREHOUSE	4	3	1	1				
LOUISVILLE KY								
FESCUE, TALL	2	1	1	1				
WHEAT	2	2						
CENTRAL MISSOURI AGRISER	1	1						
MARSHALL MO								
WHEAT	1	1						
CLEARWATER FEED & GRAIN	1	1						
CLEARWATER NE								
RYE	1	1						
COLUMBIA GRAIN	1	1						
CLARKSON WA								
OTHER	1	1						
CROW'S HYBRID CORN CO	13	12	1		1			
KENLAND IN								
CORN, FIELD	1	1						
SOYBEANS	12	11	1		1			

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

4

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
CULLUM SEED CO	6	6						
FISHER ARKANSAS								
SOYBEANS	6	6						
DEDHAM COOP	1	1						
MANNING IA								
OAT	1	1						
DES MOINES FORAGE & TURF	3		3	2	1		1	2
ANKENY IA								
BROME, SMOOTH	1		1	1	1			2
CLOVER, RED	1		1				1	
ORCHARDGRASS	1		1	1				
DISCOUNT SEEDS INC	3	3						
WATERTOWN SD								
OAT	1	1						
RYE	2	2						
EL-MEL, INC.	1	1						
ST. CHARLES MO								
FESCUE, TALL	1	1						
EL-PAR STOCK & SEED FARM	1	1						
VERSAILLES MO								
BARLEY	1	1						
EVERGEEN SEED LLC	8	7	1	1				
RICE VA								
MIXED SEED	1	1						
ALFALFA	1		1	1				
CLOVER, LADINO & WHITE	1	1						
FESCUE, RED	1	1						
MILLET	1	1						
ORCHARDGRASS	1	1						
RYEGRASS, PERENNIAL	1	1						
SORGHUM, SUDANGRASS	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

5

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
EVERGREEN SEED CO	1	1						
FUQUAY-VARINA NC								
SORGHUM, SUDANGRASS	1	1						
EVERGREEN SEED LLC	24	20	4	1	2	3		1
STOCKTON MO								
MIXED SEED	8	6	2		1	2		1
ALFALFA	1	1						
FESCUE, RED	3	2	1	1	1			
FESCUE, TALL	7	6	1			1		
ORCHARDGRASS	1	1						
SORGHUM, SUDANGRASS	2	2						
TIMOTHY	1	1						
OTHER	1	1						
EWING IRRIGATION	2	2						
N KANSAS CITY MO								
MIXED SEED	2	2						
EWING IRRIGATION	1	1						
OLATHE KS								
MIXED SEED	1	1						
FARMERS AG CENTER	7	7						
MTN GROVE MO								
FESCUE, TALL	7	7						
FELDMAN'S	7	5	2	1		1		
BLUE SPRINGS MO								
BLUEGRASS, KENTUCKY	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	5	3	2	1		1		
FERGUSON SEED FARMS	4	4						
GLASGOW MO								
WHEAT	4	4						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

6

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
FERRY-MORSE SEED COMPANY FULTON KY	3	2	1	1				
MIXED SEED	1	1						
FESCUE, TALL	1	1						
ORCHARDGRASS	1		1	1				
FONTENELLE HYBRIDS	2	2						
NICKERSON NE								
SOYBEANS	2	2						
FULLER SEED & SPLY	1	1						
POPLAR GROVE AR								
OAT	1	1						
GARD 'N WISE	2	2						
KANSAS CITY MO								
MIXED SEED	1	1						
FESCUE, TALL	1	1						
GARST SEED CO	17	17						
SLATER IA								
SORGHUM, GRAIN	1	1						
SOYBEANS	16	16						
GARST SEED COMPANY	5	5						
SLATER IA								
CORN, FIELD	5	5						
GEORGE KELLER & SONS CO	18	18						
QUINCY IL								
MIXED SEED	1	1						
ALFALFA	2	2						
BLUEGRASS, KENTUCKY	1	1						
CLOVER, RED	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	9	9						
ORCHARDGRASS	1	1						
RYEGRASS, ANNUAL	1	1						
RYEGRASS, PERENNIAL	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

7

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
GEORGE'S TACK & FEED	1	1						
CAMDENTON MO								
MIXED SEED	1	1						
GLASGOW COOPERATIVE ASSN	1	1						
FAYETTE MO								
CLOVER, RED	1	1						
GOLDEN HARVEST	5	5						
WATERLOO NE								
CORN, FIELD	1	1						
SORGHUM, SUDANGRASS	1	1						
SOYBEANS	3	3						
GOLDEN HARVEST SEEDS INC	1	1						
PEKIN IL								
CORN, FIELD	1	1						
GRASS PAD WAREHOUSE	5	4	1				1	
OLATHE KS								
MIXED SEED	4	3	1				1	
FESCUE, TALL	1	1						
GREEN SEED CO INC	62	54	8	2	4	1		1
SPRINGFIELD MO								
MIXED SEED	12	9	3		2			1
ALFALFA	1	1						
BERMUDAGRASS	2	2						
BLUEGRASS, KENTUCKY	1	1						
CLOVER	2	2						
CLOVER, ALSIKE	1	1						
CLOVER, LADINO & WHITE	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	18	15	3	1	1	1		
LESPEDeza, KOREAN	1	1						
MILLET	1	1						
FIELD PEA	1	1						
ORCHARDGRASS	7	5	2	1	1			
REDTOP	1	1						
RYE	1	1						
RYEGRASS, ANNUAL	6	6						
RYEGRASS, PERENNIAL	3	3						
SOYBEANS	1	1						
VEGETABLE	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

8

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
GREEN VALLEY SEED INC	41	33	8	2	3	2		1
KAHOKA MO								
MIXED SEED	1	1						
ALFALFA	3	3						
BLUEGRASS, KENTUCKY	2	1	1	1				
BROMEGRASS	1		1		1			
BROME, SMOOTH	3	2	1		1			
BUCKWHEAT	1	1						
CLOVER, ALSIKE	1		1			1		
CLOVER, RED	1	1						
CLOVER, YELLOW SWEET	1	1						
FESCUE	1	1						
FESCUE, RED	1	1						
FESCUE, TALL	4	3	1	1				
MILLET, JAPANESE	1		1		1			
ORCHARDGRASS	3	2	1					1
RYEGRASS	1		1			1		
RYEGRASS, ANNUAL	2	2						
RYEGRASS, PERENNIAL	2	2						
SORGHUM, GRAIN	1	1						
SORGHUM, SUDANGRASS	1	1						
SOYBEANS	4	4						
TIMOTHY	3	3						
VEGETABLE	1	1						
OTHER	2	2						
GRO TEC INC	1	1						
WEST LEBANON IN								
CORN, FIELD	1	1						
HELENA CHEMICAL	2	1	1	1				
LENEXA KS								
FESCUE, TALL	2	1	1	1				
HOEGEMEYER HYBRIDS	4	3	1		1			
HOOPER NE								
SOYBEANS	4	3	1		1			

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

9

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
HOFF FARMS INC	1	1						
BOONVILLE MO								
WHEAT	1	1						
HOFFMAN & REED INC.	3	3						
TRENTON MO								
WHEAT	3	3						
HUMMERT INTERNATIONAL	13	11	2	2				1
EARTH CITY MO								
MIXED SEED	6	6						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	5	3	2	2				1
RYEGRASS, PERENNIAL	1	1						
HUMMERT INTERNATIONAL	3	2	1		1			
TOPEKA, KS								
FESCUE, TALL	3	2	1		1			
J C ROBINSON SEED CO	8	7	1		1			
WATERLOO NE								
SOYBEANS	8	7	1		1			
JOHNSON SEED CO	3	3						
ASHBURN GA								
FESCUE, TALL	3	3						
KING CITY SEED & STORAGE	17	16	1	1				
KING CITY MO								
ORCHARDGRASS	1		1	1				
SOYBEANS	15	15						
WHEAT	1	1						
KIRKLAND SEED INC	1	1						
VEGA TX								
SORGHUM, SUDANGRASS	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

10

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
KRUGER SEED COMPANY	16	12	4		4			
DIKE IA								
CORN, FIELD	1	1						
SOYBEANS	15	11	4		4			
LAY SEED CO	5	5						
LABELLE MO								
MIXED SEED	1	1						
FESCUE, TALL	2	2						
RYE	1	1						
WHEAT	1	1						
LEBANON SEABOARD CORP	6	6						
BRISTOL IL								
MIXED SEED	2	2						
FESCUE, TALL	3	3						
RYEGRASS, PERENNIAL	1	1						
LEMARS AGRI CENTER	2	1	1		1			
LEMARS IA								
OAT	2	1	1		1			
LEO STROBEL & SONS	2	2						
CONCORDIA MO								
WHEAT	2	2						
LESCO	23	21	2	2				
ROCKY RIVER OH								
MIXED SEED	11	11						
BLUEGRASS, KENTUCKY	2	2						
FESCUE, TALL	8	6	2	2				
RYEGRASS, PERENNIAL	2	2						
LICK SKILLET SEEDS INC	1	1						
GALLATIN MO								
WHEAT	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

11

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
LORENZO'S OK SEED	1	1						
OKEENE, OK								
SORGHUM, SUDANGRASS	1	1						
MERSCHMAN SEEDS	9	8	1		1			
WEST POINT IA								
CORN, FIELD	6	6						
SOYBEANS	2	1	1		1			
WHEAT	1	1						
MFA AGRI SERVICE	5	5						
WENTZVILLE MO								
MIXED SEED	5	5						
MFA EXCHANGE	1	1						
HALE MO								
CLOVER, RED	1	1						
MFA INC. SEED DIVISION	156	139	17	2	13	1	2	2
COLUMBIA MO								
MIXED SEED	10	8	2		2			
ALFALFA	3	2	1				1	
BLUEGRASS, KENTUCKY	1	1						
BROME, SMOOTH	4	4						
CLOVER, ALSIKE	2	2						
CLOVER, LADINO & WHITE	1	1						
CLOVER, RED	7	7						
CORN, FIELD	18	18						
FESCUE, RED	1	1						
FESCUE, TALL	34	28	6	2	3	1	1	2
LESPEDeza, KOREAN	3	2	1		1			
MILLET	1	1						
ORCHARDGRASS	5	5						
RYEGRASS, ANNUAL	2	2						
SORGHUM, SUDANGRASS	3	1	2		2			
SOYBEANS	36	31	5		5			
TIMOTHY	5	5						
TRITICALE	1	1						
WHEAT	19	19						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

12

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MFA SEED DIST	10	8	2	2				1
SEDALIA MO								
MIXED SEED	1	1						
ORCHARDGRASS	5	3	2	2				1
RYEGRASS, ANNUAL	3	3						
SUDANGRASS	1	1						
MID-STATE SEED & STORAGE	12	12						
MARSHALL MO								
WHEAT	12	12						
MIDWEST SEED GENETIC INC	14	14						
CARROLL IOWA								
CORN, FIELD	2	2						
SOYBEANS	12	12						
MILLER SEED CO	1	1						
CLINTON MO								
FESCUE, TALL	1	1						
MISSOURI FOUNDATION SEED	2	2						
COLUMBIA MO								
WHEAT	2	2						
MISSOURI SOUTHERN SEED	226	210	16	9	3		3	5
ROLLA MO								
MIXED SEED	39	34	5	4			1	1
ALFALFA	2	2						
BLUEGRASS, KENTUCKY	9	9						
BROME, SMOOTH	6	6						
BUCKWHEAT	1	1						
CANARYGRASS, REED	3	3						
CLOVER, ALSIKE	3	3						
CLOVER, LADINO & WHITE	4	3	1				1	
CLOVER, RED	7	7						
CLOVER, YELLOW SWEET	2	2						
FESCUE, RED	4	4						
FESCUE, TALL	56	49	7	5	1			4
LESPEDeza, KOREAN	7	6	1		1			
LESPEDeza, SERICEA	1	1						
MILLET	1	1						
MILLET, FOXTAIL	1	1						
FIELD PEA	1	1						
OAT	3	2	1		1			

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

13

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
MISSOURI SOUTHERN SEED								
ROLLA MO								
ORCHARDGRASS	10	10						
REDTOP	2	2						
RYE	3	3						
RYEGRASS	5	5						
RYEGRASS, ANNUAL	13	13						
RYEGRASS, PERENNIAL	11	11						
TIMOTHY	18	17	1				1	
TRITICALE	1	1						
VEGETABLE	2	2						
WHEAT	7	7						
OTHER	4	4						
MONSANTO CO	369	367	2		2			
ST LOUIS MO								
CORN, FIELD	25	25						
SOYBEANS	344	342	2		2			
MORNING SUN SEED	3	3						
WESTBORO MO								
SOYBEANS	3	3						
MYCOGEN SEEDS	4	3	1		1			
INDIANAPOLIS IN								
ALFALFA	1	1						
SOYBEANS	3	2	1		1			
N C + HYBRIDS	8	8						
LINCOLN NE								
SOYBEANS	8	8						
NEMO SEED & GRAIN	1	1						
PALMYRA MO								
WHEAT	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

14

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
NIXA HARDWARE	17	14	3	1	1			1
NIXA MO								
MIXED SEED	3	2	1	1				
ALFALFA	1	1						
CLOVER, CRIMSON	1	1						
CLOVER, LADINO & WHITE	2	1	1					1
CLOVER, RED	1	1						
CLOVER, WHITE SWEET	1	1						
FESCUE, TALL	1	1						
OAT	2	2						
ORCHARDGRASS	1	1						
RESCUEGRASS	1	1						
RYEGRASS, PERENNIAL	1	1						
TIMOTHY	1	1						
OTHER	1		1		1			
NUTECH	11	10	1		1			
LELAND IA								
SOYBEANS	11	10	1		1			
NW SEED SOURCE	1	1						
ALBANY OR								
BLUEGRASS, KENTUCKY	1	1						
OWEN SEED CO	1	1						
CARROLLTON MO								
WHEAT	1	1						
PENNINGTON SEED CO	4	4						
MADISON GA								
MIXED SEED	3	3						
RYEGRASS, ANNUAL	1	1						
PENNINGTON SEED INC	151	140	11	4	4	1		3
GREENFIELD MO								
MIXED SEED	67	62	5	3	2			
BLUEGRASS, KENTUCKY	6	5	1					1
BROME, SMOOTH	1	1						
FESCUE, TALL	44	40	4	1	2			2
LESPEDeza, KOREAN	1	1						
RYEGRASS	12	12						
RYEGRASS, ANNUAL	15	14	1			1		
RYEGRASS, PERENNIAL	5	5						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

15

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
PENNINGTON SEED INC	5	5						
LEBANON OR								
FESCUE, TALL	4	4						
RYEGRASS, ANNUAL	1	1						
PIONEER HI-BRED INT	23	23						
JOHNSTON IA								
CORN, FIELD	21	21						
SORGHUM, GRAIN	1	1						
SOYBEANS	1	1						
PIONEER HI-BRED INTL	26	26						
JOHNSTON IA								
MIXED SEED	1	1						
CORN, FIELD	20	20						
SORGHUM, GRAIN	1	1						
SORGHUM, SUDANGRASS	1	1						
SOYBEANS	3	3						
PLANTERS SEED CO	2	1	1		1			
KANSAS CITY MO								
MIXED SEED	1		1		1			
FESCUE, TALL	1	1						
POWELL SEED FARM	1	1						
LINNEUS MO								
FESCUE, TALL	1	1						
PRODUCTION PLUS	8	5	3		3			
PLAINVIEW MO								
MILLET	2	1	1		1			
SORGHUM, SUDANGRASS	6	4	2		2			
RAGAN & MASSEY INC	1	1						
PONCHATOU LA								
OAT	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

16

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
RENOVATION HARDWARE PORTAGEVILLE, MO	8	7	1		1			
VEGETABLE	8	7	1		1			
RESEARCH SEEDS INC. FORT DODGE, IA	2	2						
MIXED SEED	1	1						
TIMOTHY	1	1						
RIESCHICK SEED SOLDIER KS	1	1						
BROME, SMOOTH	1	1						
RIVER BEND CUSTOM SEED CARROLTON MO	3	3						
WHEAT	3	3						
ROBINSON SEED SERVICE ST LOUIS MO	18	17	1		1		1	
MIXED SEED	10	9	1		1		1	
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	4	4						
RYEGRASS, PERENNIAL	3	3						
SEED RESEARCH OF OREGON CORVALLIS OR	2	2						
RYEGRASS, PERENNIAL	2	2						
SEED RESOURCE TULSA TX	1	1						
SUNFLOWER	1	1						
SEXAUER DISCOUNT FARM SE BROOKINGS SD	2	2						
OAT	1	1						
RYE	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

17

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
SHAWNEETOWN FEED&SEED CO	12	11	1	1				
JACKSON MO								
BLUEGRASS, KENTUCKY	1	1						
CLOVER, RED	2	2						
FESCUE, TALL	5	4	1	1				
ORCHARDGRASS	1	1						
RYEGRASS, PERENNIAL	2	2						
WHEAT	1	1						
SHELDON SEED CO	3	3						
SHELDON MO								
MIXED SEED	1	1						
CLOVER, RED	1	1						
FESCUE, TALL	1	1						
SHELTON SEED	1	1						
CENTRALIA MO								
WHEAT	1	1						
SIDWELL SEED HOUSE	2	2						
QUEEN CITY MO								
CLOVER, RED	2	2						
SIEMER ENTERPRISES	22	20	2		1			1
TEUTOPOLIS IL								
MIXED SEED	3	3						
BLUEGRASS, KENTUCKY	1	1						
FESCUE, TALL	17	15	2		1			1
OAT	1	1						
SMITH SEED SERVICE	1	1						
HALSEY OR								
MIXED SEED	1	1						
STAR SEED CO	1	1						
BELOIT KS								
MILLET	1	1						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

18

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
STAUFFER SEEDS	2	2						
CARROLL, IA								
SOYBEANS	2	2						
STINE SEED FARM INC	24	22	2		2			
ADEL IA								
CORN, FIELD	6	6						
SOYBEANS	18	16	2		2			
STONE SEED FARMS INC	2	2						
PLEASANT PLAINS IL								
SOYBEANS	2	2						
STROBEL FARMS SUPPLY	3	3						
CONCORDIA MO								
WHEAT	3	3						
STUTTGART SEED CO INC	1	1						
STUTTGART AR								
OAT	1	1						
SUPERIOR SEEDS	1	1						
NASHVILLE TN								
FESCUE, TALL	1	1						
SYGENTA SEEDS	3	3						
MINNEAPOLIS MN								
SOYBEANS	3	3						
SYNGENTA SEEDS INC	46	46						
MINNEAPOLIS MN								
CORN, FIELD	12	12						
SOYBEANS	34	34						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

19

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
TENNESSEE FARMERS CO-OP JACKSON TN	3	3						
FESCUE, TALL	3	3						
TENNESSEE FARMERS COOP LA VERGNE TN	2	2						
FESCUE, TALL	2	2						
TEXAS OKLAHOMA PROD CO ENID OK	1	1						
OAT	1	1						
THE SCOTTS COMPANY MARYSVILLE OH	2	2						
FESCUE, TALL	2	2						
TRI-STAR SEED COMPANY SPRING HILL KS	3	2	1		1			
MIXED SEED	1		1		1			
BLUEGRASS, KENTUCKY	1	1						
RYEGRASS, PERENNIAL	1	1						
TRIUMPH SEED CO INC RALLS TX	1	1						
SUNFLOWER	1	1						
UAP SEED CO GREELEY CO	8	8						
CORN, FIELD	1	1						
SOYBEANS	7	7						
VALLEY PARK ELEVATOR VALLEY PARK MO	3	3						
MIXED SEED	3	3						

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

20

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
VIGORO	1	1						
GALEBURG IL								
SOYBEANS	1	1						
W S D A	1	1						
KAHOKA MO								
SOYBEANS	1	1						
W.S.D.A.	2	2						
GARDEN CITY MO								
WHEAT	2	2						
WAX COMPANY INC	1		1	1				1
AMORY MS								
MIXED SEED	1		1	1				1
WEBER SEEDS INC	12	11	1		1			
MARSHALL MO								
SOYBEANS	8	7	1		1			
WHEAT	4	4						
WELTER SEED & HONEY CO.	2	2						
ONSLow IA								
OAT	1	1						
ORCHARDGRASS	1	1						
WILLIAMS LAWN SEED CO	94	84	10	6	4			
MARYVILLE MO								
MIXED SEED	8	8						
BLUEGRASS	1	1						
BLUEGRASS, KENTUCKY	29	25	4	2	2			
FESCUE	4	2	2	1	1			
FESCUE, RED	5	5						
FESCUE, TALL	29	27	2	2				
ORCHARDGRASS	1		1		1			
RYEGRASS, ANNUAL	3	3						
RYEGRASS, PERENNIAL	14	13	1	1				

## SUMMARY OF COMPLIANCE WITH CONTENT CLAIMS BY COMPANY

21

COMPANY & ADDRESS	NO OF LOTS INSPECTED	LOTS PASSED	LOTS IN VIOLATION	TYPE OF VIOLATION				
				PURE SEED	GERMI- NATION	NOXIOUS WEEDS	PROHIBITIVE WEEDS	OTHER
WL ALFALFAS	2	2						
MADISON WI								
MIXED SEED	2	2						
WYFFELS HYBRIDS INC	1	1						
ATKINSON IL								
CORN, FIELD	1	1						
TOTAL SAMPLES----->1881		1745	136	51	65	10	9	24
AVERAGES-----	100	93	7	3	3	1		1

## **SECTION TWO**

### **VIOLATIONS OF SEED LOTS FOR REASONS OTHER THAN CONTENT CLAIMS**

**VIOLATIONS ON SEED LOTS FOR REASONS  
OTHER THAN CONTENTS CLAIMS**

<b>Company</b>	<b>Reason Field Written Stop Sale was Issued</b>	<b>Number of Violations</b>
Ag-Mart James Equip Co 201-115 Sikeston, MO 63801	Out of test date	1
Buchheit Inc 157-005 Perryville, MO 63775	No test date label	1
Dickey Farm Supply 179-020 Centerville, MO 63633	Out of test date	1
Gordon Feed & Pet 077-318 Springfield, MO 65807	Out of test date No retail seed permit	1
Hummert International 189-086 Earth City, MO 63075	Out of test date	2
Lohman Producer's Exchange 051-001 Russellville, MO 65074	Out of test date	3
Lowe's #1209 201-122 Sikeston, MO 63801	Out of test date	5
MFA Agri Service 117-005 Chillicothe, MO 64601	Out of test date	5
MFA Agri Service 005-007 Fairfax, MO 64446	Out of test date	4

Trenton MFA Agri Service 079-002 Trenton, MO 64683	Out of test date No Label	12
MFA Exchange 151-010 Meta, MO 65058	Out of test date	1
Noble Hudson & Sons LLC 105-001 Lebanon, MO 65536	Out of test date	1
Orscheln Farm & Home 081-050 Bethany, MO 84424	Out of test date	6
Orscheln 049-030 Cameron, MO 64429	Out of test date	2
Orscheln Farm & Home 121-030 Macon, MO 63552	Out of test date	7
Orschlen Farm & Home LLC #117 077-300 Republic, MO 65738	Out of test date	24
Orscheln Farm & Home 201-054 Sikeston, MO 63801	Out of test date	3
Pamida 049-070 Plattsburg, MO 64477	Out of test date	5

<b>Potts Hardware &amp; Home Center</b> <b>037-083</b> <b>Drexel, MO 64742</b>	<b>Out of test date</b> <b>No retail seed permit</b>	<b>4</b>
<b>Richards Brothers</b> <b>091-024</b> <b>Mountain View, MO 65549</b>	<b>Out of test date</b>	<b>11</b>
<b>Sutherlands</b> <b>097-105</b> <b>Joplin, MO 64804</b>	<b>Out of test date</b>	<b>23</b>
<b>Sutherlands</b> <b>159-061</b> <b>Sedalia, MO 65301</b>	<b>Out of test date</b>	<b>15</b>
		<b>137</b>